

Converting Colors

Hex(70CE8B)

Have a look what the booklet for
Hex(70CE8B) contains.

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Color

Hex(70CE8B)

Conversions

Conversions Part 1

Format	Color
Hex	70CE8B
RGB	112, 206, 139
RGB Percent	44%, 81%, 55%
CMY	0.5608, 0.1922, 0.4549
CMYK	0.46, 0.00, 0.33, 0.19
HSL	137°, 49%, 62%
HSV	137°, 46%, 81%
XYZ	33.4136, 49.4514, 32.2101
YIQ	170.2560, -34.5170, -40.7650

Conversions

Conversions Part 2

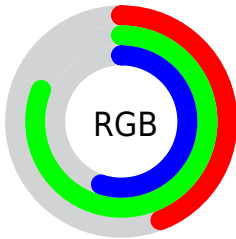
Format	Color
RYB	112, 185, 206
Decimal	7392907
CIELab	75.73, -42.51, 24.90
CIELCh	76, 49.263, 149.645
Yxy	49.4514, 0.2904, 0.4297
Android (android.graphics.Color)	4285582987 (0xFF70CE8B)
YUV	170.2560, -15.4092, -51.0905
Hunter-Lab	70.3217, -38.2481, 22.0681

Details

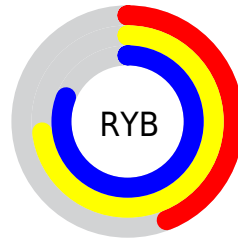
The Hex color **70CE8B** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE70B3**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A8FFC1**, and **379758** is the 20% darker color. If you saturate the color by 10%, you get **5BCE7C**, and if you desaturate by 10%, it is **85CE9A**.

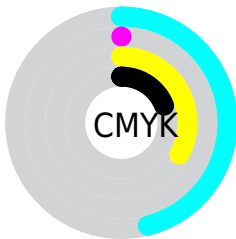
Distribution



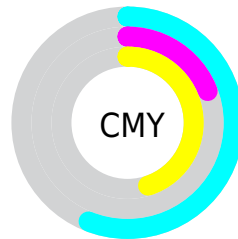
- Red (44%)
- Green (81%)
- Blue (55%)



- Red (44%)
- Yellow (73%)
- Blue (81%)



- Cyan (46%)
- Magenta (0%)
- Yellow (33%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70CE8B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 70CE8B by changing the saturation by 10% instead.

 70CE8B

 70CE8B

FFFFFF

 54B271

 A8FFC1

 379758

 C5FFDD

 147D40

 E2FFFA

 006329

 004A13

 003200

 001C00

 000000

 70CE8B

 70CE8B

 5BCE7C

 85CE9A

 47CE6E

 99CEA8

 32CE5F

 AECEB7

 1ECE50

 C2CEC6

 09CE42

 D7CED4

 00CE3B

 ECCEE3

 FFCEF2

 FFCEFF

Harmonies

Analogous

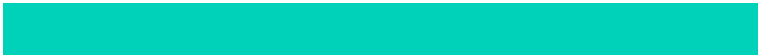
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9C569



70CE8B



00D2B9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70CE8B



6DBFFF



FF9A90

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70CE8B



CE70B3

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF95BD



70CE8B



BDAFFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70CE8B



00CBFF



F39EE9



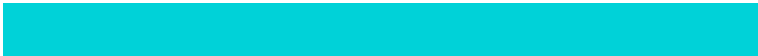
FBA86D

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70CE8B



00D2D8



F39EE9



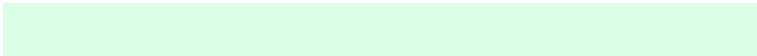
FF979E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70CE8B



DBFFE6



B3CE70



6A8070



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70CE8B



73FF9B



70CEBA



5C665F



00A630



00260B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CE70B3



FF73D7



CE7084



665C63



A60076



26001B

Previews

White Background



This preview shows how the Hex color 70CE8B looks on a white background.

Color Contrast Check

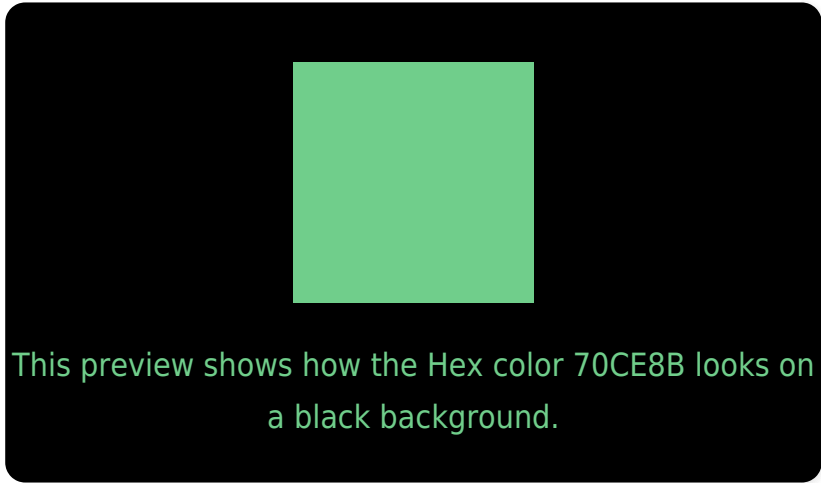
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

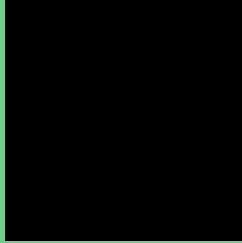
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 70CE8B Background



This preview shows how black text looks on a background with the Hex color 70CE8B.

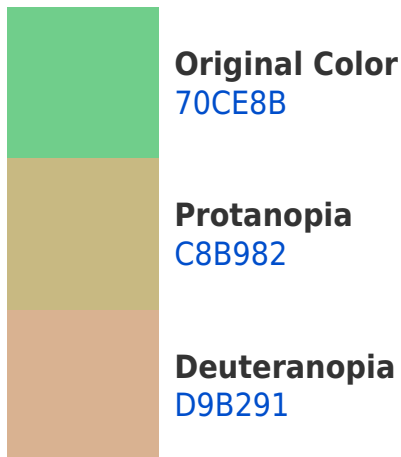


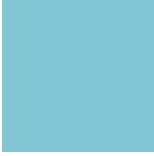
This preview shows how white text looks on a background with the Hex color 70CE8B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

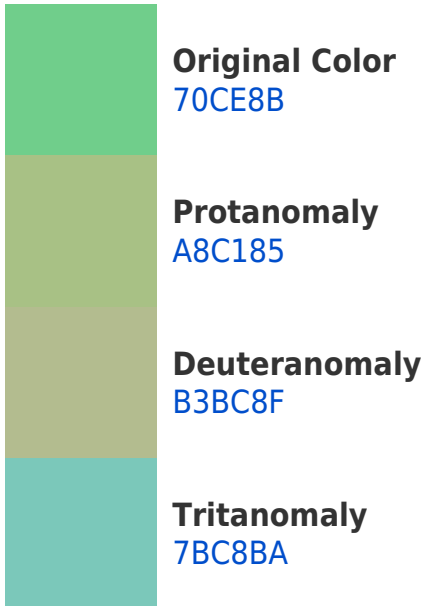
Dichromacy



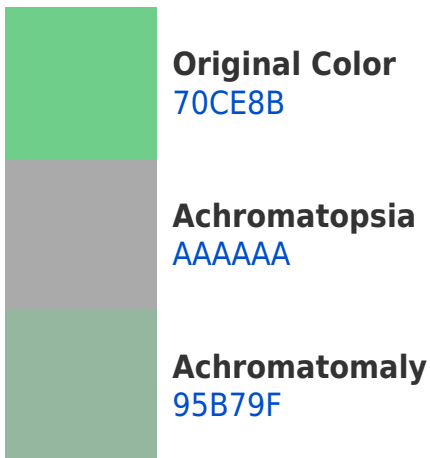


Tritanopia
81C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 70CE8B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #70CE8B looks like.

```
.text, #text, p{  
    color:#70CE8B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #70CE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70CE8B
}
```

Border

The CSS property to change the border of an element to Hex 70CE8B is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70CE8B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#70CE8B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #70CE8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70CE8B; -webkit-box-shadow:4px 4px  
4px 4px #70CE8B; box-shadow:4px 4px 4px  
4px #70CE8B }
```

Background

The CSS property to change the background color of an element to Hex 70CE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70CE8B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#70CE8B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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